

Partially Pyrophosphate and 3-Methyl-23-
Hexenyl-1-Pyrophosphate, the Biological
Precursors of Squalene XII. The Biosynthesis
of the Terpenes, by P. Lynen, H. Eggerer,
U. Hammel, I. Kessel, 18 pp.

GERMAN, *Proc. Angew Chem*, Vol LXX, 1958, pp
738-742.

WH 2-8

Sci - Med
Mar 59

82, 794

(2109-N)

West Irian - An Integral Part of Indonesia, G.
Kessel'brunner, 63 pp.

RUSSIAN, many bk, Zapadnyy Irian - Most'yevalemyy E
Chast' Indonezii, Moscow, 1958, pp 3-79.

US JPRS L-510-N

FF - Indonesia

UNR

Pol

Feb 59

80,748

Structural Changes of *Leptospira icterogenes*
With the Agglutination-Lysis Test, by
Hans-Werner Schlipkoter, Dr Ludwig Grun,
Dr Elisabeth Kessler, 15 pp.

GERMAN, per, Die Medizinische, Vol XVIII,
1953, pp 616, 618-620.

DIH

Scientific - Chemistry

CTS/DEX

13,803

KAST, Prof. H.
KESSELKREIN, Dr. August J.

The Division is Open
on 21 Sept 1921, and the
Work of the National
Institute of Industrial
Chemistry

Reconomic-Industrial Chem
Scientific-Chemistry

GERMANY

German

Dec 1930 CTS

UNCLASSIFIED

ID CSUSA F-1532 B, 12 pp.

A-4050

Thermodynamic Properties of Dissociated Nitrogen
and Oxygen, by P. M. Kessel'man, 10 pp.

RUSSIAN, per, Inzhenerno Fiz Zhur, Vol VI, No 7, 1963.
pp 43-49.

JPRS 22715

Sol.

Jan 64

246,805

On the Problem of Determining the Equilibrium Constant f
for the Dissociation Reaction of Ammonia in a
Wide Interval of Temperatures and Pressures. II, by
P. M. Kessel'man, A. G. Tabachnikov, 5 pp.

RUSSIAN, per, Inzhen-Fiz Zhur, Vol VI, No 8,
1963, pp 78-81.

JFRS 23705

Sci

Mar 64

253,823

Similitudes Thermodynamiques de l'Eau
Lourde et de l'Eau Ordinaire, by P. M.
Kesselman, 10 pp.

RUSSIAN to FRENCH, per, Teploenergetika, SSSR,
Vol III, 1960, pp 83-86. 9069053

CEA R-1541
Reverse Translation

Sci
Nov 62

The Thermodynamic Similarity of Ordinary and
Heavy Water, by P. M. Kessel'man.

RUSSIAN, per, Teploenergetika, No 3, 1980,
pp 83-87.

MLL HTS 2040

Sci - Engr

AUG 62

2071-00

The Equation of State for Liquid Heavy Water, by
P. M. Kessel'man.

RUSSIAN, per, *Toploenergetika*, No 4, 1960,
pp 72-73.

HLL RIS 2041

Sci - Chem

Aug 62

207, 557

111
A Form of the Equation of State of a Real
Gas, by P. M. Kessel'man
RUSSIAN, per, Inzh. Fiz. Zh., Vol 2, No 1,
1959, pp 68-75.
ELL Ref: 8732 (1282)

P. M. KESSEL'MAN

Sci-Physics
Aug 68

362,137

Analysis of the Manufacturing Error of a Discrete-
Action Integrator, by V. A. Volkonskiy, M. A.
Gol'dinov, S. M. Kessel'man, A. S. Nemirovskiy,
4 pp.

RUSSIAN, per, Izmeritel Tekh, No 10, 1959,
pp 4-6.

Instru Soc of Amer

Sci

Sep 60

126, 312

Quantum Theory of Transition Processes in
Paramagnetic Resonance (Effective Spin 1,
Equidistant Spectrum, by A. R. Kessel', 7 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 11,
1963, pp 3120-~~12~~3129.

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 11,

Sci
May 64

258,987

Heavy Water. Thermophysical Properties, by
Ya. Z. Kazavchinskiy, P. M. Kessel'man, 263 pp.
RUSSIAN, bk, Tyazhelaya Voda. Teplofizicheskiye
Svoistva, 1963,
BTIS TT 70-50094

P. M. Kessel'man

MAY 71

Results of an Investigation Into Hot-Blast Stoves,
by K. Kessels.

GERMAN, per, Stahl und Eisen, 28 Jul 1955,
pp 958-974.

BISI 1808

Sci - Engr

Feb 61

141,408

Proton Polarization in Irradiated Polyethylenes
By A.V. Kessenikh, V.I. Lushchikov pp9

RUSSIAN, per, Fiz Tverdogo Tela, Vol V, No 2, 1963,
pp143-154

Amer Inst of Phys
Sov Phys - Solid State
Vol V, No 2

Sci

Sep 63

244 799
~~344 299~~

(U) 11-524

Reflection of Electromagnetic Waves From
A Lumped Load in a Single Wire, by
N. Karsenikh, 8 pp.

RUSSIAN, per, Iz VUZ, MVO Radiotekh,
Vol IV, No 3, 1961.

JPRS 11524

Sci
Jan 62

179, 458

Possible Mechanisms of the Connection Between the
Synoptics of the Ionosphere and the Troposphere,
by V. M. Kessenikh, 9 pp.

RUSSIAN, per, Iz Ak Nauk, 1960, pp 34-43. 9658770

Amer Meteor Soc
AF Res Div
L. G. Hanscom Field
Bedford, Mass

Sci - Geophysics
Apr 61.

144,548

Possible Methods of Measuring Slow Neutron
Concentrations in the F_2 Layer of the Ionosphere,
by V. N. Kessenikh, 3 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIII, No 3,
1958, pp 57-59.

Amer Inst of Phys
Sov Phys-Doklady
Vol XII, No 6

Sci
Mar 60

110,054

The Geophysics and Astroneliophysics of the
Ionosphere, by V. N. Kessenikh, 58 pp.

RUSSIAN, bk, Rasprostraniye Radiovoln, 1952,
Chap XVI, pp 408-447. 177

ATIC F-TS-10095/V

Sci - Electronics
May 57

48,105

V. N. KERNENKHO

Some Peculiarities of the Geographical Distribution of the Maximum Electron Concentration in the F2 Layer Over the Urals, Siberia, the Northern USSR (Caucasus, and Central Asia (1957-1958), by V. N. KERNENKHO, 3 pp.

RUSSIAN, bk, Ioselodoveriya Monastery, TGV Program, Part V, No 3, 1960, *pages 18-21*

JPRS 10930

Sci - Geophys
Dec 60

/ 12.5.60

Coherent Scattering in a Plasma, by V. N. Kessenikh,
4 pp.

RUSSIAN, par, Izvestia VUZ, Fizika, No 1, 1960,
pp 434-435.

MDP - K-212
FDD X-4492

Sci - Electronics

Nov 60

131, 830

Coherent Scattering in a Plasma, by V. N. Kessenikh,
4 pp.

RUSSIAN, per, Iz Vysakhikh Ucheb Zaved Fiz, No 1, 196
pp 234, 235.

ABSI H-9280
ID 2166472

Sci - Phys
Aug 61

162,932

Possible Mechanisms of the Connections Between the
Synoptics of the Ionosphere and the Troposphere, by
V. N. Kessenikh, 9 pp.

Izlozheniya Ionosfery i Mety
RUSSIAN, per, Izdatel Ak Nauk SSSR, 1960.

Amer Meteorol Soc
AF Cambridge Res Center

Sri - Geophys
May 61

150,466

Certain Questions in the Theory of Propagation
of Radio Waves in the Ionosphere in Connection
With its Erroneous Treatment by V. N.
Kessenikh, by V. L. Ginzburg, 12 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,
Vol XXV, 1953, pp 498-508.

AEC Tr 2357

Sci - Electronics, ~~Radio~~ Physics

30,084

Review of the Book, "Propagation of Radio Waves,"
by V. N. Kessenikh, (AF 630743)

RUSSEIAN, no par, Uspekh Fiz Nauk, Vol LXIII, No 2,
1954, pp 293-303.

ATIC F-TS-3403/III

Scientific - Electronics

Aug 55 CTS/DEX

26,395

USSR/Sci/Geophysics

C

Evolution of Views on the Structure of the Ionosphere, by
Kessenikh. UNCLASSIFIED
RUSSIAN, per, Iz Ak Nauk, Vol XII, No 2, 1941.

1447 Navy Tr 105/NRL 274

A-5669

An Attempt at a More Accurate Calculation of
the Graph of Temperature-Rise Against Time in
Electric Machines With the Aid of Heat-Source
Configurations, by A. Kessler.

GERMAN, per, Archiv fur Elektrotechnik,
Vol XLV, No 1, 1960, pp 59-76.

CSIRO

Sci - Engr, Electron
Jun 62

203,354

103
The Symmetrical Optimum, by C. Kessler
GERMAN, per, Regelungstechnik, Vol 11, 1958,
pp 395-400; Vol 12, pp 432-436.
ILL Ref: 5207 (1216)

C. KESSLER

Sci-Mechanical Engr.
Aug 68

362,235

An Attempt at a More Accurate Calculation of
the Graph of Temperature-Rise Against Time in
Electric Machines With the Aid of Heat-Source
Configurations, by A. Kessler.

SEITZMAN, PET, Archiv für Elektrotechnik,
Vol XLV, No 1, 1960, pp 59-76.

CSIRO

Sci. & Engg, Electron
Jan 66

203,354

The Symmetrical Optimum, by C. Rosaler.
German, per, Regelungstechnik, Vol 11, 395-400, Vol
12, 432-436, 1958.
PAG 1216

C. Rosaler

Sci. Fly
123 67

342-108

Kessler, C.
A CONTRIBUTION TO THE THEORY OF MULTI-
LOOP REGULATORS. [1961] 17p.
Order from SLA \$1.60

61-20723

Trans. of Regelungstechnik (West Germany) 1960,
v. 8, no. 5, p. 261-266.

DESCRIPTORS: Synthesis, *Control systems, *Linear
systems, Transformations (Mathematics), Theory,
*Current regulators.

The many requirements of modern control frequently
makes necessary the synthesis of multi-loop control
systems. It is shown that the calculation of these
systems depends upon a repeated application of sizing
rules for a single loop integral control feedback.
Through step by step structural transformations the
(Engineering-Electronic, TT, v. 7, no. 5) (over)

61-20723

1. Title: Multi loop regu-
lators

1. Kessler, C.

194917

Office of Technical Services

A Contribution to the Theory of On-Off Controllers,
by Claus Kessler.

GERMAN, per, Regelungstechnik, Vol V, No 10, 1957,
pp 339-342.

SLA 61-20725

Sci
Mar 62

189,536

Vol VII, No 2

Nitrite Formation and Respiration During Nitrate
Reduction by Green Algae, by E. Kessler.

GERMAN. per, Z. Naturforschung, Vol VIIb, 1952,
pp 280-284.

INSDOC-T1901

Sci

Jul 59

91,370

Differential Thermal Analysis of Coal and Coke,
by F. Kessler, E. Kessler.

CHOC, per. Dr. F. Kessler, E. Kessler, CHOC,
No. 4, 1966, 19 196-196.
(196 196)
CHOC 196

F. Kessler

114, 169

Del - Kessler
May 66

135-
Interior Band Transitions as Absorption Mechanisms
of Free Charge Carriers in Semiconductors, Part II,
by F. R. Kessler. 70 pp.

GERMAN, par, Physica Status Solidi, Vol 6, No 3,
1964, pp 4-52.

AIR/FID/HT-23-607-69

F. R. Kessler

Sci-Phys

June 70

Emission and Absorption of Long-Wave Infrared
Radiation by Germanium in a Photoconductive State,
by P. R. Kessler, 19 pp.

GERMANY, per, Z Naturforschung, Vol XLIIA, No 4,
1958, pp 295-302. 3. 7. 1958 14 13 12/10/6

SLA 59-10724

Sci - Phys
Sep 58
Vol 2, No 1

97790

Investigations of tin Compounds. 4. Vibrational
Spectra and Structure of Some Inorganic Tin-
Fluorine Compounds, by H. Kriegsmann, G.
Kessler.

GERMAN, per, Z. anorg. allg. Chem., Vol 318,
1962, pp 277-286.

CRL/T-2337

G. KESSLER

Sci -

Vol 67

333,693

Kessler, H. and Winterstein, H.
THE EFFECT OF VARYING THE FINENESS OF
NEW GRAIN-REFINING PREPARATIONS ON VARIOUS
PROPERTIES OF Ga-Si-ALLOYS. [1961] 8p.
Order from ATS \$13.25 ATS-30N54G

Trans. of Z[eitschrift für] Metallkunde (West Germany)
1956, v. 47, no. 2, p. 97-101.

DESCRIPTORS: *Gallium alloys, *Silicon alloys, Al-
loys, Grains (Metallurgy), Processing.

(Metallurgy--Structural, TT, v. 6, no. 11)

61-25655

- I. Kessler, H.
- II. Winterstein, H.
- III. ATS-30N54G
- IV. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Causes of Gas Absorption and Effective Gas
Determining and Degassing Methods for Aluminium
Alloys, by H. Kessler

GERMAN, per, Aluminium, Vol XXXIV, No 9,
pp 518-521. 1958

C.S.I.R.O.

Sci - Min/Met - Metallurgy

May 60

116,357

Effect of Common Refrigerants on Aluminum, by
H. Kessler, 7 pp.

ENCLOSURE
F. KESSLER, per, Aluminium, Vol XXIX, Jul/Aug 1953,
pp 315-317.

34,427 S.L.A. No 224/1956

Scientific - Minerals/metals

Difficulties Resulting From High Alloying
Contents in Aluminium Casting Alloys, by
H. Kessler, H. L. Winterstein,

GERMAN, per, Zeit für Metall. Vol XLVI, No 8, Aug
1955, pp 545-546.

Aluminium Laboratories, Ltd. Tr B-TM-186-55

Sci - Min/metals

S.L.A. 740/1956

39,696

Process for the Improvement of Various Properties of GAlMg-Alloys, by H. Kessler, 6 pp.

GERMAN, per, Z fur Metallkunde, Vol XLIX, No 6, 1958, pp 312-316.

3 ATB-298546

Sci

Mar 62

Vol VII, No 3

188,092

The Reaction of Solid Iron With Molten Aluminum
Alloys Containing ⁶⁵Zinc; by K. Schneider,
H. Kessler

GERMAN, Arch. Metall., Vol VII, No 15-16, 1953,
pp 608-610.

Brutcher Tr 3160

Scientific - Minerals/Metals
CTS/DEX Price \$3.90

7854

The West German Cultural Policy in the Service of
Neocolonialism, by Horst Kessler, 13 pp.

GERMAN, per, Einheit, No 1, 1962.

FBIS Wire

EEur - Germany

Pol

23 Oct 62

Experience with the Five-Electrode Filter Lens,
by J. Kessler, H. Lindner.
GERMAN, per, Zeitschrift für Angewandte Physik,
Vol 18, No 1, 1964, pp 7-9.
NASA TT F-11,105

J. Kessler

GOVERNMENT USE ONLY
Sci-Electr
Sept 67

341,986

The Employment of a Mountain Rifle Battalion in
the Wintry Mountains, by C. Scheitlin; The
Cooperation of Troops and Supply Service at the
Employment in the Wintry Mountains, by L. A.
Kessler, 35 pp. (ID 211698)

GERMAN, per, Allgemeine Schweizerische Militar-
zeitschrift, Vol CXXIV, No 3, pp 187-201.

1959
ACSI, IL-3820

WBr - Switzerland

Mil

Aug 59

94,785

^r ^c
Structural Changes of Black Coal on Carbonization,
by M. Kessler, V. Vescerikova.

^z
CHECH, par, Paliya, Vol XXXVI, No 6, 1956, pp
192-199.

CHIRD-9298

Sci

Aug 59

94,075

The Determination of Variations in the Lattice Parameters of Various Graphites, by Ferdinand M. Kessler, 11 pp.

CZECH

BRITON, per, Chem Listy, Vol LI, 1957, pp 13-20.

AEC Tr 3083

Sci - Min/Met

Nov 57

55, 752

144 1000

Investigation of the Thermal Decomposition
of Black Coals, by M. Kessler.

CHEM, per, Paliva, Vol XXXV, No 10, 1955,
pp 302-308.

CSIRO-3203

Sci

Aug 58

71,592

Investigation of the Thermal Decomposition of
Hard Coals, by M. P. Kesaler.

RUSSIAN, per, Paliva, Vol XXIV, 1955,
pp 302-308.

Nat'l Coal Board Tr A 1180
U. S. Bureau of Mines
Central Experiment Station
Pittsburgh, Pa.

Sci - Chem

171, 517

Oct 61

New Concepts of the Molecular Structure of
Coal, by M. F. Kessler.

CZMCH, per, Uhl, Vol VI, No 11, 222 1960,
pp 376-380.

Dept of Interior
National Coal Bd Tr 1317
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa

Sci - Chem

136 752

Oxidation of Hard Coals, by M. F. Kessler.

CZECH, per, Uhli, Koz No 10, 1955,
pp 342-347.

Dept of Interior
National Coal Bd Tr 1094
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa

Sci - Chem

136.754

Contribution to the Method of X-Ray Analysis
of Metallurgical Coke, by M. F. Kessler,
V. Vecerikova, 14 pp.

GERMAN, per, Brennstoff-Chemie, Vol XL, No 2,
1959, pp 52-55.

SLA 60-10993

Sci
Oct 61

169, 966

SECRET

(D3-3043)

Know-How and Experience With the Evaluation of Coal
and Mixtures for the Production of Metallurgical
Coke, by M. F. Kessler, 27 pp. FOR OFFICIAL USE ONLY

Coach, par, Hutnicke Listy, No 1, Brno, 1960,
pp 6-12.

JPRS 3391
COPYRIGHT

EFur - Czechoslovakia

118,304

Econ - Fuels/ Power

Jun 60

Spectrographic Determination of Silicon,
Iron and Aluminium in Hard Coal, by M. B.
Kessler, F. Valeska. UNCL

EMILIAN, per, ~~Emilian~~ Paliva, No 37, 1957,
pp 158-160.

NCB A.1430

Sci - Phys; Chem
Jan 60

105,774

Contribution to the Clinical Picture of
Histoplasmosis, by Peter N. Kessler, 8 pp.

GERMAN, per, Med Klin, Vol XLVIII, No 45,
1953, pp 1662-1664.

NIH

Scientific - Medicine

CMB/DEK

17,940

A Light Modulator for Operating Infra-Red
Receivers, by R. Kessler. CIA D 9010697

GERMAN, per, Zeit Fuer Angewandte Physik, Vol VIII,
No 8, 1956, pp 405, 406.

A.C.S.I.L. Tr 978

Sci - Electronics
Jul 57

149,887

The Enrichment of Heavy Water by High-Pressure
Exchange Between Hydrogen and an Aqueous Catalyst
Suspension, by E. W. Becker, R. Hubenar, R.
Kessler, 26 pp.

GERMAN, per, Chem Eng Tech, Vol XXX, 1958, pp
288.

AEC AERE Lib 799

Sci - Chem

Doc 58

78,245

Kessler, W. and Scheibe, G.

SPECTRUM ANALYSIS METHODS, THEIR ATTENUATION, LOSS OF SENSITIVITY
AND THEIR APPLICATION TO GLASS. 1 Apr 60. 17 pp. Ill. Ser. 10.

(5 figs omitted) 27 refs.

Order from SLA \$1.60

C227826

Trans. of Glastechn[ische] Berichte] (West German) 1959, v. 32X, p. 1/33-1, 4p.

DESCRIPTORS: *Glass, Spectrographic analysis, Aluminum compounds, Iron compounds, Oxides, Sheets, Electrodes, Errors, X-rays, Fluorescence, Optics.

After an historical review of emission spectrography the general basis of this analytical method is discussed. The various sources of error are then described, and it is shown how these can be eliminated by applying suitable principles of measurement. It has been found that the main source of error in applying this method to (Materials--Ceramics, IT, v. 9, no. 5)

C227826

Other -- Technical Service

Methods of Spectral Analysis: Their Accuracy
by W. Kessler, G. Scheibe.

GERMAN, rpt, International Congress on Glass,
5th, 1959, # 1/5.

CSIRO

Sci - Chem
Oct 61

171,354

Electrochemical and Physicochemical
Properties of Aluminum Compounds in
Non-Aqueous Solutions, by Yu. M. Kessler,
N. M. Alpatova.
RUSSIAN, per, Uspekhi Khimii, Vol 33, No 3,
1964, pp 261-295.
SLA TT-66-10602

Yu. M. Kessler

Sci-Chem
Jul 66

305,562

Note on the Theory of Solutions of Strong Electrolytes,
by Yu. M. Kessler, A. I. Gorbanov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 12, 1959, pp 2116-2118.

CB

Sci
Oct 60

130,323

Form of Liquidus Curves of Binary Systems
Communication 1. Systems of the Eutectic Type with
Nonassociating Components, by Yu. M. Kessler,
10 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 8, 1957, pp 887-897.

Consultants Bureau

Sci - Chem

May 79

87,161

Thermal Analysis of the System, Benzene - Stannic
Bromide, by A. F. Kapustinsky, Yu. M. Kesaler, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 8, Aug 1956, pp 889-893.

Consultants Bureau

Sci - Chemistry
Jun 57

49,400

Mar 62

Effect of Structure on the Thermodynamic Properties
of Solutions of Strong Electrolytes, by A. I. Gorbanev,
Yu. M. Kessler, V. V. Krylov, 4 pp.

RUSSIAN, per, Zhur Strukturnoy Khim, Vol II, No 3, 1961,
pp 260-267.

CB

192, 493

Sci

Mar 62

Certain Regularities in the Properties of
Solutions of Strong Electrolytes, by A. I.
Gorbanov, Yu. M. Kesaler, Yu. M. Povarov,
I. B. Sevost'yanov, 4 p.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXV, No 6,
1959, pp 1281-1284.

Consultants Bureau

Eci

Apr 60

114,975

Solubility in the System Water-Sulfuric Acid -

p-Chlorobenzenesulfonic Acid

By Ye M. Kessler, N.S. Lipikhin, p. 5

RUSSIAN, per, Zhur Obshch Khimii. Vol XXIX, Pt 2
1962, pp 3871-3876

CB

Sci

Oct 63

241 - 032

Rapid Monomeric Metathetic Reactions in a Homogeneous
Medium, by Ya. M. Kessler, 4 pp.

Full tr

RUSSIAN, no par, In Ak Nauk, Otdel Khim Nauk, No 5,
1956, pp 513-515.

(Consultants Bureau)

Sci - Chemistry
Jan 57 CBB

42,552

The Departures of the Thermodynamic Properties
of Solutions of Strong Electrolytes from the
Limiting Law in the Debye Region of Concentra-
tions, by Yu. M. Kessler, A. I. Gorbanev,
4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVII,
No 3, 1957, pp 437-440.

Consultants Bureau

Sci - Chem

Oct 58

74,704

Eur/Sci/R Geophysics/Meteorology

C

Tide Phenomena in the Harbor of Ragusa (Meteorological Influences on Water Level Changes), by W. V. Kesslitz, 3 pp. UNCLASSIFIED

GERMAN, Mitteilungen aus dem Gebiete des Seewesens, Vol XL, No 6, 1912.

Navy Tr 149/H.O.

A-5071

C June CTS

Study of Metal Hardening, by Kessner.
GERMAN, per, Z. Metallkunde, Vol 27, 1935,
pp 104-107.

NTIS/USDC/NBS TT 71=55056

Available NBS Only

Kessner

May 71

KREISMEIER, A.
SPACHT, H.

Archiv Eisenhüttenwesen, vol. 9, 43 figures, 3 tables,
6900 words; 1936.

Influence of Cold Drawing upon Welding Properties of
Bare Electrodes of Steel.

Brutcher Trans, Order No. 305, \$6.30.

A 77

Kesner, A. and Specht, H.
THE EFFECT OF COLD DRAWING UPON THE WELD-
ING PROPERTIES OF BARE STEEL ELECTRODES.
[1962] 15p.

Order from SLA \$1.60

62-18933

Condensed trans. of Arch[iv für das] Eisenhüttenw[esen]
(Germany) 1935, v. 9, no. 5, p. 231-239.

DESCRIPTORS: Electrodes, *Steel, Cold-working,
*Welding, *Welded joints, Mechanical properties.

(Metallurgy, TT, v. 9, no. 6)

62-18933

I. Kesner, A.
II. Specht, H.

630207

Office of Technical Services

FRY, A.
KESNER, A.
ORTEL, R.

Archiv Eisenhüttenwesen, vol. 14, 12 figures,
3 tables, 4800 words; 1941.

Significance of Yield Point for the Fatigue
Strength of High Tensile Steels.

Butcher Trans, Order No. 1194, \$ 5.90.

A-1076

SCHERER, R.
RICHARD, C.
KESNER, R.

STAHL UND EISEN, vol 62, 1942, pp 347-352

Influence of nitrogen in austenitic and austenitic-fer-
ritic chromium-nickel steels

Butcher Trans 1395, \$2.50

A 5072

Kessner, Herbert.

A TEMPER-ETCHING PROCESS FOR DISTINGUISHING BETWEEN FERRITE, AUSTENITE, AND CARBIDES IN THE STRUCTURE OF HIGH-CHROMIUM STEELS.

[May 46] [5]p. (2 figs. omitted) 11 refs.

Order from SLA ml\$1.80, ph\$1.80

60-18282

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1942, v. 16 [no. 4] p. 145-146.

(Unannounced)

60-18282

1. Steel--Impurities
1. Kessner, H.

Office of Technical Services

The Effect of Nitrogen on the Properties of
Austenitic and Austenitic-Ferritic Steels,
Steels, by Robert Scherer, Gerhard Klockner,
Herbert Klockner, 10 p.

GERMANY, par, Stahl und Eisen, 1942,
Vol LXXX, No 17, pp 347-352.

SLA 60-10090

Sci
Apr 60
Vol LXX, No 3

112,835

Gas Corrosion of Austenite Steels at High
Temperatures, by Ye. A. Davidovskaya,
L. P. Kastel', 5 pp.

RUSSIAN, per, Metall i Obrabot Metallov, No 10,
1956, pp 29-34.

CIA/Z-357

Sci - Min/met
May 57 CTS/dex

47, 533

The Study of Corrosion Stability of Boiler Steels
Under the Action of High Temperature Steam
by S. G. Vedenkin, E. A. Davidovskaya, L. P.
Kestel', 33 pp.

RUSSEIAN, Korroziya Metalloy pod Napriazheniem i
Sposoby Zashchity, Moscow, 1950.

Sci Tr Center
RT-1567

Scientific - Chemistry

OTS/DEX

18,765

Study of Corrosion Stability of Boiler Steels
and the Action of High Temperature Steam, by G. G.
Lukina, E. A. Davydovskaya, L. P. Kostin,
p. UNCLASSIFIED.

MAN, E. G., Corrosion of Metals Methods of Pro-
tection, MASHIZ USSR, 1950, pp 42-44, 76.

Handwritten: 100-1000000000

Materials - Engineering

Handwritten: 100-1000000000

Heat Resistance of Polyformaldehyde in
Sinter Bearings, by V. N. Kestel'man,
N. I. Feldman, 5 pp.
Soviet, per, Plasticheskiye Massy,
no 7, 1964, pp 65-66. 9697772
RIP-IT-65-389

V. N. Kestel'man

ack - 1/7/64
Aug 65

267,355

Kestenbaum, Alfred.

THE MECHANISM OF NYSTAGMUS (Der Mechanismus
des Nystagmus). [1961] [64]p. 106 refs.
Order from S.L.A. \$6.60

61-14618

Trans. of [Albrecht] v[on] Graefe's Arch[iv] f[ur]
Ophthalm[ologie] (Germany) 1921, v. 105, p. 799-843.

DESCRIPTORS: Eye, *Nystagmus, Motion.

(Unannounced)

61-14618

I. Kestenbaum, A.

217076

Office of Technical Services

The Significance of Corrosion Testing, other.
with special reference to the H₂ test in
accordance with DIN 50018, by H. Kesternich.
1968, per. Series. Reports., no 3, 1968,
p. 193-202. 201
*1968 6947

H. Kesternich

am/aberrant:
Vol. 70

Tenting of Metallic and Nonmetallic Protective
Coatings for Corrosion Resistance in an Artificial
Industrial Atmosphere, by W. Kasternich.

GERMAN, per, Stahl und Eisen, Vol LXXI, No 11,
1951, pp 587-588.

Brutcher Tr 3125

Scientific - Minerals/Metals

Price \$2.65

Nov 53 CTS

72 71

Room Climate and Electrostatic Build-Up in
Cotton Spinning Mills, by W. Wegener and A. ~~Wegener~~
Kesting, 10 pp.

GERMAN, par, Melliand Textilber, Vol XXXVI,
1955, pp 873-877.

SLA Tr 2844¹

Sci - Tech

Jul 58

67,917

Attempted Isolation of the Complement-Fixing
Antigen and of the Virus of Foot-and-Mouth Diseases,
by Gottfried Pyl and Friedel Kesting.

GERMAN, per, Z fur Bakteriologie, Parasit,
Infektionskrankheiten und Hygiene, I. Originale,
Vol CLII, No 6, May 1948, pp 378-380.

USDA

12,626

Scientific - Biology

May CTS/DEX

for

Pathogenesis of So-Called Hemorrhagic Nephroso-
Nephritis, by A. G. Kestner,

GERMAN,

~~XXXXXXXX~~ per, Archiv Patologii, Vol XXII, No 7, 1960.

FDD X-4512

Sci - Med
Dec 60

134

Climatic Investigations in the Tropics
by Otto Kestner, Werner Borchardt.
GERMAN, per, Klinische Wochenschrift,
Vol VIII, No 39, 1929, pp 1796-1801.
P91037265.
NASA TT F-9800

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TO THIS PAPER MUST BE TO THE ORIGINAL GERMAN SOURCE

209.798

Climatic Investigations in the Tropics,
by O. Kestner, G. Borchardt.
GERMAN, per, Klin. Wochschr., Vol 6, 1924,
pp 1796-1801.
NASA TT 1-3240

U. S. GOVERNMENT PRINTING OFFICE
1924-1925
1924

1924

**BEHAVIOR OF ALLOYS UNDER DRY FRICTION AT ELEVATED
TEMPERATURES, BY L. A. OMPERMAN, G. E. JESTER.**

**RUSSIAN, PER, METALLOV I TERN OBRAB METALLOV,
NO 7, 1960, PP 49-50.**

HB 9006

**SCI - MIC/MET
AND GR**

207,017